

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/DK2004/000243

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D211/70 C07D405/12 A61K31/4409 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/49678 A (KROG JENSEN CHRISTIAN ; ROTTLAENDER MARIO (DK); ANDERSEN KIM (DK); MIK) 12 July 2001 (2001-07-12) claims	1,14-16
P,X	WO 03/029232 A (BANG-ANDERSEN BENNY ; PUESCHL ASK (DK); ANDERSEN KIM (DK); RUHLAND THO) 10 April 2003 (2003-04-10) provisos: 4-'2-(4-methylphenylsulfanyl)phenyl!-3,6-d ihydro-2H-pyridine and 4-'2-(4-methoxyphenylsulfanyl)phenyl!-3,6- dihydro-2H-pyridine page 28, line 7 - line 8	1-17



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

19 July 2004

Date of mailing of the international search report

28/07/2004

Name and mailing address of the ISA

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claim 16 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DK2004/000243

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0149678	A	12-07-2001	AT 261959 T	15-04-2004
			AU 2152101 A	16-07-2001
			AU 2351701 A	16-07-2001
			BG 106930 A	30-04-2003
			BR 0016952 A	08-10-2002
			CA 2395705 A1	12-07-2001
			CN 1437597 T	20-08-2003
			CZ 20022319 A3	16-10-2002
			DE 60009155 D1	22-04-2004
			WO 0149678 A1	12-07-2001
			WO 0149681 A1	12-07-2001
			EP 1246816 A1	09-10-2002
			EP 1246819 A1	09-10-2002
			HU 0203722 A2	28-03-2003
			JP 2003519224 T	17-06-2003
			JP 2003519227 T	17-06-2003
			NO 20023146 A	28-06-2002
			NZ 519647 A	27-02-2004
			PL 355539 A1	04-05-2004
			SK 9442002 A3	06-11-2002
			TR 200201683 T2	23-12-2002
			US 2003125320 A1	03-07-2003
			US 2003040639 A1	27-02-2003
			ZA 200204814 A	17-06-2003
WO 03029232	A	10-04-2003	CA 2462110 A1	10-04-2003
			WO 03029232 A1	10-04-2003
			EP 1436271 A1	14-07-2004